

CLAIMS

1. Arrangement in a communications network including an Intelligent Network IN (30)
including means for establishing connection with a client site through a communication link
5 (35),
characterised in,
that said client site (15, 16, 36) includes remotely controllable devices (17-23) arranged with
controlling means, and said IN (30) includes a service arrangement providing remote control
services for controlling said devices in said client site (15, 16, 36).
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2. Arrangement according to claim 1,
characterised in,
that said IN (30) includes an Automating Service Server (10, 31).
- 15 3. Arrangement according to claim 1,
characterised in,
that said Automating Service Server (10, 31) includes a database containing information about
the client site.
- 20 4. Arrangement according to claim 3,
characterised in,
that said information includes at least a communication category with the client site, type of
control means and services available.
- 25 5. Arrangement according to claim 1,
characterised in,
that it includes a traffic adapter (11, 33) for converting control signals from the IN to a signal
adapted to client site control signals.
- 30 6. Arrangement according to any of claims 1-5
characterised in,
that it further includes a Communication Interface (12, 34) for communication with the client

site(s).

7. Arrangement according to claim 6,
characterised in,

5 that said Communication Interface (12, 34) includes several types of communications devices.

8. Arrangement according to claim 6,
characterised in,

10 that said Communication Interface includes means for encrypting/decrypting signals to the client site(s).

9. Arrangement according to claim 5,
characterised in,

15 that said traffic adapter includes protocols for at least one or several of LONworks, Cebus and X-10.

10. Arrangement according to any of claims 1-9,
characterised in,

20 that the IN further includes Service Switching Point and Service Control Points.

11. Arrangement according to claim 10,
characterised in,

25 that Service Switching Point and Service Control Points communicates with the Automating Services Server through TCP/IP.

12. Arrangement according to claim 1,
characterised in,

that said client site includes a Communication Interface.

30 13. Arrangement according to claim 1,
characterised in,

that said client site includes a Local Area Network (39).

14. Arrangement according to claim 12,

characterised in,

that said Communication Interfaces communicate through one or several of PSTN, ISDN, ADSL, ATM, powerline or the like.

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15. Arrangement according to claim 13

characterised in,

that said LAN is a powerline based network.

10 16. Communications network including a service provider part (35) and a client part (15, 16), and communications means to connect the service provider part (35) and the client part (15, 16),

characterised in,

that said client part includes at least one remotely controllable device (27-23),

15 that the service provider part includes a service providing server (31) including information at least comprising data about said remotely controllable device and means to provide initiation commands through the communications means when initiated by a client, and that said service providing server is part of an Intelligent Network (IN).

20 17. The communications network according to claim 16,

characterised in,

that the client part includes a powerline network.

18. The communications network according to one of claims 16 or 17,

25 *characterised in,*

that the network is a telecommunication network.

19. A method for remotely controlling at least one device at a distant site through a communication network,

30 *characterised in,*

that the method includes the steps of:

— arranging a remote management service in an Intelligent Network (IN),

- connecting a service request from a client to said service in said IN,
- generating a management command by means of said service, and
- transmitting the command to a location specified by the client.

5 20. The method according to claim 19,

characterised in,

that the method further includes the steps of converting the management command into a form receivable by the controlled device.

10 21. The method according to claim 19,

characterised in,

that the service is provided through subscription or purchasing.

22. The method according to claim 19,

15 *characterised in,*

that the service is integrated into telephony services and provided through local exchanges of a public telephone network.